

Dr. Zahoor Ahmad Sajid

LIST OF PUBLICATIONS: IF. 21

1. Rehman, Z; Hussain, A; Saleem, S; Khilji, S.A. and **Sajid, Z.A** 2022. Exogenous application of salicylic acid enhances salt stress tolerance in lemongrass (*Cymbopogon flexuosus* steud. Wats). *Pakistan Journal of Botany*. 54(2): DOI: [http://dx.doi.org/10.30848/PJB2022-2\(13\)](http://dx.doi.org/10.30848/PJB2022-2(13)) ISSN 1589-1623. pISSN 0556-3321; **IF 0.972**.
2. Zaman, A; Badshah, L; Ullah, S; and **Sajid, Z.A** 2022. conservation status and threats pattern of narrow endemics: a case study from terich valley, hindukush range, Chitral, northern Pakistan. *International Journal of Conservation Science*. 13(1):190-212 ISSN 2067-533X. **HJRS X category**.
3. Munir, N; Khilji, S.A. Sabar, M and **Sajid, Z.A**. 2021. Exogenous application of ascorbic acid enhances the antimicrobial and antioxidant potential of *Ocimum sanctum* L. grown under salt stress. *Journal of Food Quality*. 4977410. <https://doi.org/10.1155/2021/4977410>. **IF. 2.450**
4. Khilji, S.A; Aqeel, M; Maqsood, M.F; Khalid, N; Tufail, A; **Sajid, Z.A et al.** 2021. *Hemarthria compressa—Aspergillus niger—Trichoderma pseudokoningii* Mediated Trilateral Perspective for Bioremediation and Detoxification of Industrial Paper Sludge. *Sustainability* 21(13). DOI:10.3390/su132112266 **IF. 3.251; 2071-1050**
5. Zainab, Rauf M., Gul H., **Sajid Z.A.**, Abid M., Jan U, Rahman A.U, Behram, Ullah I, Khan A, Javeria, Aziz K, Begum H. A. 2021. Identification of Evolutionary Conserved Promoter- Based Regulatory Sequences for Senescence- Associated 29 Gene. *International Journal of Computational Intelligence in Control*. 13: 61-79.
6. Khilji, S.A. and **Sajid, Z.A** 2020. Phytoremediation potential of lemongrass (*Cymbopogon flexuosus* stapf.) Grown on tannery sludge contaminated soil. *Applied Ecology and Environmental Research*. 18(6): 7703-7715. ISSN 1589-1623; DOI: http://dx.doi.org/10.15666/aeer/1806_77037715. **IF. 0.972**
7. **Sajid, Z.A** and Khilji, S.A. 2020. Evaluation of salt stress tolerance on some growth and biochemical attributes in *Suaeda fruticosa* L. (Forssk). *Bilogia (Pakistan)*. 42(II): 103-110.
8. Khilji, S.A. and **Sajid, Z.A** 2020. Appraisal of the effect of industrial effluents on the chlorophyll, protein and heavy metals contents in water hyacinth (*Eichhornia crassipes* L.) *Bilogia (Pakistan)*. 42(II): 203-215. ISSN 2313-206X
9. Mahmood, A; **Sajid, Z.A** and Khilji, S.A. 2018. Influence of Salicylic acid on salinity tolerance by seed priming and foliar application on Maiz L. *Bilogia (Pakistan)*. 64(II): 303-312.
10. **Sajid, Z.A** and Aftab F. 2016. Foliar spray of ascorbic acid improves salinity tolerance in *Solanum tuberosum* L. *Acta Horticulturae*. 1145(10): 69-74. DOI: 10.17660/ActaHortic.2016.1145.10; ISSN 0567-7572
11. **Sajid, Z.A** and Aftab F. 2016. An efficient method for the establishment of cell suspension cultures in potato (*Solanum tuberosum* L.) *Pakistan Journal of Botany*. 48(5): 1993-1997. pISSN 0556-3321; **IF 0. 0.972**

12. **Sajid, Z.A;** Safdar, M and Khilji, S.A. 2016. Amelioration of Salinity Stress Tolerance in Pea (*Pisum sativum* L.) by Exogenous Application of Salicylic Acid. *Biologia (Pakistan)* 62(1): 69-78.
13. Imran, M.A, **Sajid, Z.A** and Chaudhry, M.N. 2015. Arsenic (As) Toxicity to Germination and Vegetative Growth of Sunflower (*Helianthus annuus* L.). *Polish Journal of Environmental Studies*. 24(5) 1993-2002.; DOI: <https://doi.org/10.15244/pjoes/39553>. **IF- 1.699**
14. **Sajid, Z.A** and Aftab, F. 2015. Enhanced Salinity Tolerance in Field-grown Potato (*Solanum tuberosum* L.) Treated with Ascorbic acid. *International Journal of Advances in Science and Technology*. Special issue pp 28-39.
15. Khilji, S.A, Bareen, F and **Sajid, Z.A.** 2015. Role of Antioxidants in the Growth and Heavy Metal Uptake from Tannery Sludge in Microbe Assisted Phytoremediation under Field Conditions. *Journal of Advances in Science and Technology*. Special issue pp 10-20.
16. **Sajid, Z.A** and Aftab, F. 2014. Plant regeneration from in vitro-selected salt tolerant callus cultures of *Solanum tuberosum* L. *Pakistan Journal of Botany*. 46(4): 1507-1514. pISSN 0556-3321; **IF 0. 0.972**
17. **Sajid, Z.A** and Aftab, F. 2012. Role of Salicylic acid in the Amelioration of Salt tolerance in *Solanum tuberosum* L. *Pakistan Journal of Botany*. 44(S11): 37-42. pISSN 0556-3321; **IF 0. 0.972**
18. Ejaz, B., **Sajid, Z.A** and Aftab, F. 2012. Effect of exogenous application of ascorbic acid on growth of *Saccharum* hybrid cv. HSF-240 under salt stress. *Turk Journal of Biology*.36:630-640. ISSN 1300-0152; DOI:10.3906/biy-1201-37. **IF.1.452**
19. **Sajid, Z.A** and Aftab, F. 2009. Amelioration of salinity tolerance in *Solanum tuberosum* L. by exogenous application of ascorbic acid. *In vitro Cellular and Developmental Biology-Plant*. 45(5): 540-549. ISSN 1054-5476. DOI. <https://doi.org/10.1007/s11627-009-9252-4>. **IF 2.252**
20. **Sajid, Z.A** and Aftab, F. 2009. The effect of Thidiazuran (TDZ) on *in vitro* micropropagation of *Solanum tuberosum* L. Cvs. Desiree and Cardinal. *Pakistan journal of Botany* 41(4): 1811-1815. pISSN 0556-3321; **IF 0.972**
21. **Sajid, Z.A** and Aftab, F. 2008. Changes in regeneration potential, protein, and peroxidase contents in callus cultures of *Solanum tuberosum* L. under NaCl stress. Proceeding of 1st symposium of microbiology and molecular genetic. Lahore, Pakistan. 23, 24 October-2007. pp 141-150.
22. **Sajid, Z.A** and Aftab, F. 2007. Protein and Peroxidase Contents *in vitro* Cultures of *Solanum tuberosum* (Cvs. Desiree and Cardinal) under NaCl stress. *Pakistan Journal of Biochemistry and Molecular Biology*. 40(4): 227-232. ISSN-1681-4525
23. Akbar, K.F., **Sajid, Z.A.**, Shad, M.A. and Ansari, T.M. 2003. An ecological study of roadside vegetation and soils of District Sahiwal. *Pakistan journal of Biological Sciences*. 3(7): 627-634. DOI: 10.3923/jbs.2003.627.634; pISSN: 1727-3048